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Subject: OW Management Report for Hurricanes Harvey and Irma for 9/7/2017
Date: Thursday, September 7, 2017 4:16:58 PM
Attachments: [OW Management Report Harvey_09072017.docx](#)

Attached and pasted below is the OW Management Report for Hurricanes Harvey and Irma for 9/7/2017.

**OW Management Report for
Hurricane Harvey and Hurricane Irma
September 7, 2017**

Hurricane Harvey Update

Background:

Response and recovery efforts continue throughout the Gulf Coast of TX and LA. Rivers continue to recede in the region, however major to record levels will persist through late this week or early next week for several areas, including Houston and Beaumont.

Federal Activities:

FEMA Region VI Regional Response Coordination Center remains activated at Level I (24/7 Operations) and has assumed primary operations management for this incident.

State Activities:

The TX SEOC remains at full activation, while the LA SEOC remains at Level III (24 hours).

EPA HQ:

Water Desk Staffing for the coming week is as follows:

Thursday 9/7: Kevin Tingley

Friday 9/8: David Goldbloom-Helzner

Saturday 9/9: Kevin Tingley

Sunday 9/10: Brian Pickard and David Goldbloom-Helzner

Monday 9/11: Kevin Tingley

Tuesday 9/12: David Goldbloom-Helzner

Wednesday 9/13: Jeff Fencil

EPA Activities: Region 6:

Drinking Water / Wastewater Assessments

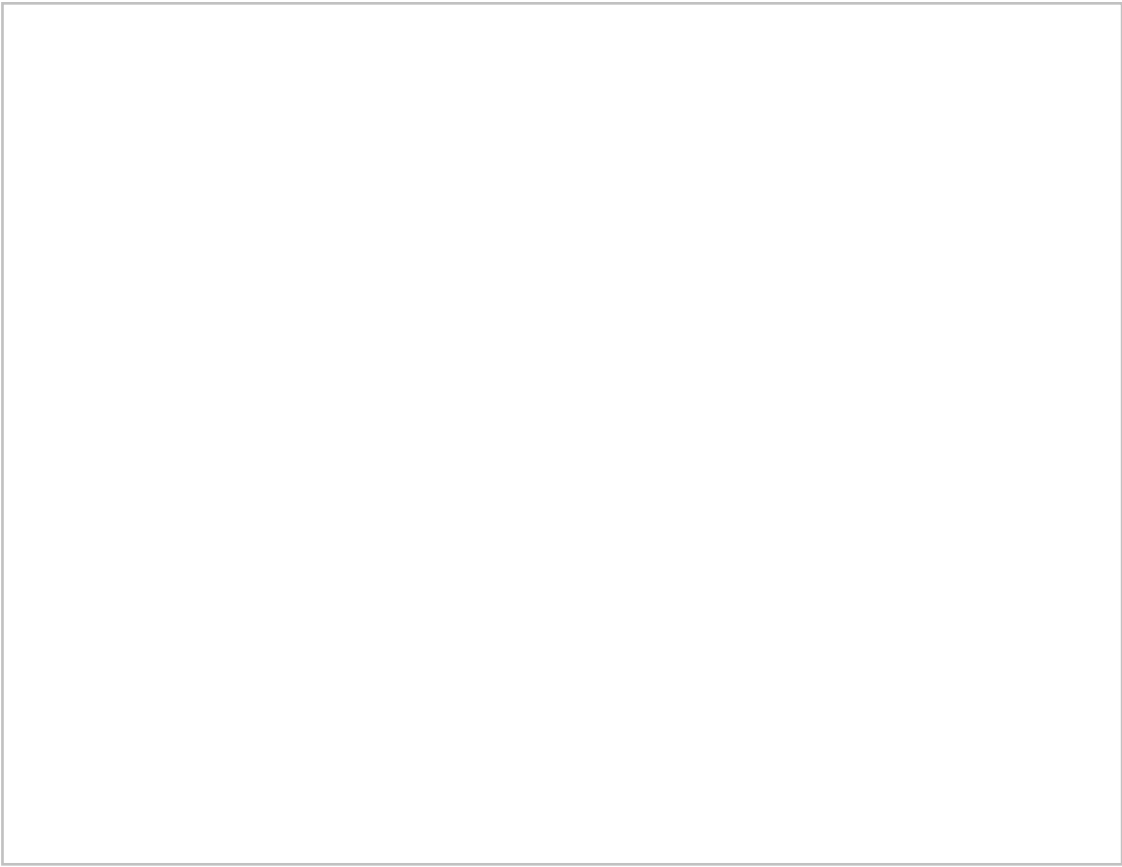
EPA is providing support to TCEQ for drinking water and wastewater system assessments. There are 10 EPA at the TCEQ Austin phone bank including one assisting with data flow and technical regulatory questions. In addition, drinking water and wastewater assessment teams are currently established in Houston. Current response activities consist of 14 EPA personnel conducting drinking water and wastewater assessments in the Houston Branch and 2 EPA personnel conducting drinking water and wastewater assessments in the Port Arthur/Beaumont Branch

The below table that show the status of DW systems and the DW/WW assessments as of 0700 September 7, 2017.

Drinking Water and Waste Water Assessments (September 6, 2017)		
Assessment Types	Daily Assessments	Total Assessments
On-Site DW Assessments	50	168
On-Site WW Assessments	41	115
Phone DW Assessments	432	4510
Phone WW Assessments	98	2794

Below are two maps that show the status of drinking water and wastewater facilities in the affected areas.

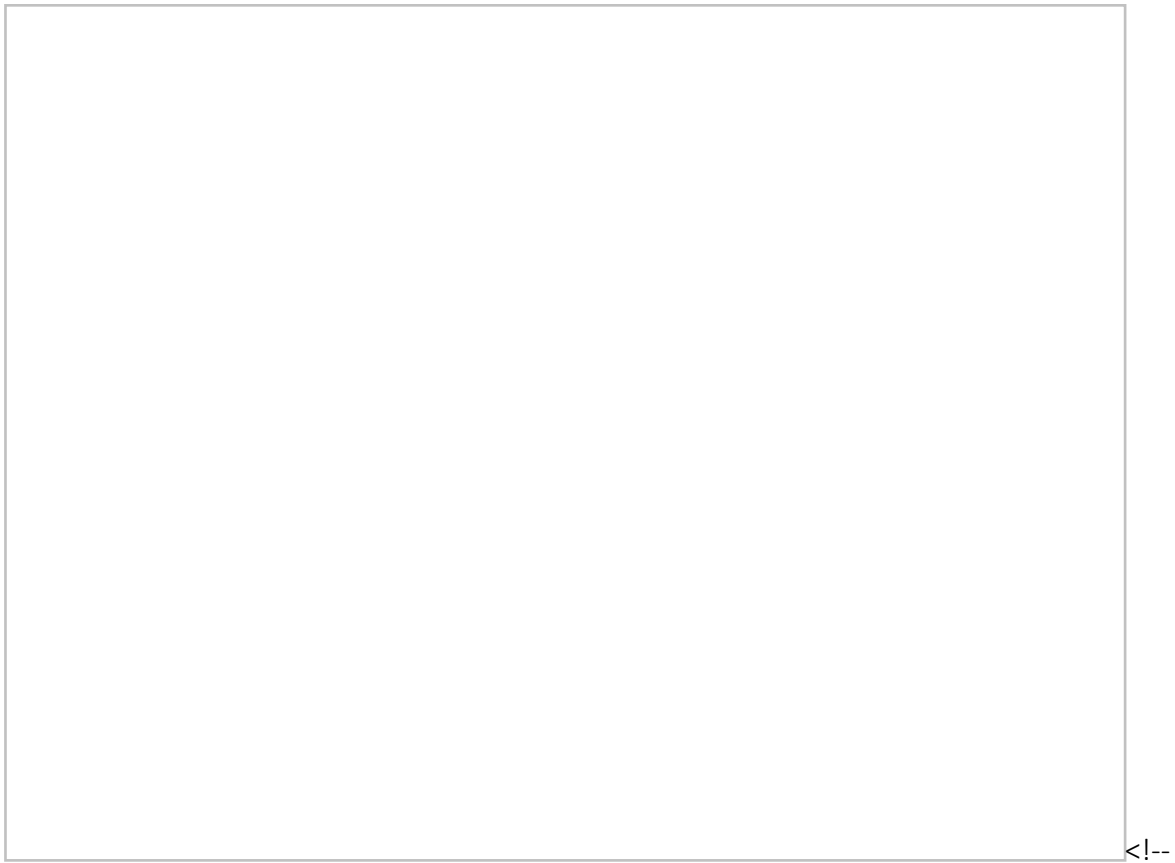
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Beaumont Status Update

As of September 5th, power has been restored to Beaumont's wastewater treatment plant (WWTP) and the system is currently pumping water. Due to previous low pressures, the city remains under a boil water notice. TCEQ, EPA and members of the Texas Optimization Program for Surface Water Plants (TOPS), and city staff continue to focus on drinking water issues.

Hurricane Irma Update

Background:

As of 17:00 EDT on 9/6/2017, Hurricane Irma was located about 40 miles to the northwest of St. Thomas and moving to the west-northwest at 16 miles per hour (mph). The extremely dangerous core of Irma passed just north of Puerto Rico on September 6, will pass near or just north of the coast of Hispaniola on September 7, and be near the Turks and Caicos and southeastern Bahamas by the evening of September 7. Maximum sustained winds are 185 mph. A Hurricane Warning is in effect for the U.S. Virgin Islands, the British Virgin Islands, Puerto Rico, Vieques, Culebra, portions of the Dominican Republic, portions of Haiti, the southeastern Bahamas, the central Bahamas, and the Turks and Caicos Islands. A Hurricane Watch is in effect for portions of Cuba and the northwestern Bahamas. Irma is expected to produce total rainfall accumulations of 6 to 12 inches across portions of northeastern Puerto

Rico, the British Virgin Islands, and the U.S. Virgin Islands, with isolated amounts of up to 20 inches possible.

Local/State Activities:

Puerto Rico and U.S. Virgin Islands

The PR Emergency Operations Center and USVI Territorial Emergency Management Agency are at Full Activation. The respective Governors have activated the PR National Guard and USVI National Guard.

Florida

The FL State EOC is activated to Level II (Partial Activation).

Federal Activities:

The FEMA National Response Coordination Center (NRCC) remains at Level I (24/7 operations, Full ESFs) in response to Hurricanes HARVEY and IRMA. The FEMA Region II Regional Response Coordination Center (RRCC) is at Full Activation. The FEMA Region 4 RRCC was activated to Level 2 (Partial Activation) on September 5 and will transition to Full Activation on September 7.

EPA Activities: Region 2:

Initial EPA assessment teams are ready to deploy to Puerto Rico and the USVI once a request for assistance and the Mission Assignment is available. Teams will focus on assessing any immediate threats from hazardous substance releases and oil spills, orphan hazardous containers, house hold hazardous waste, contaminated debris, and drinking water/wastewater issues.

EPA Activities: Region 4:

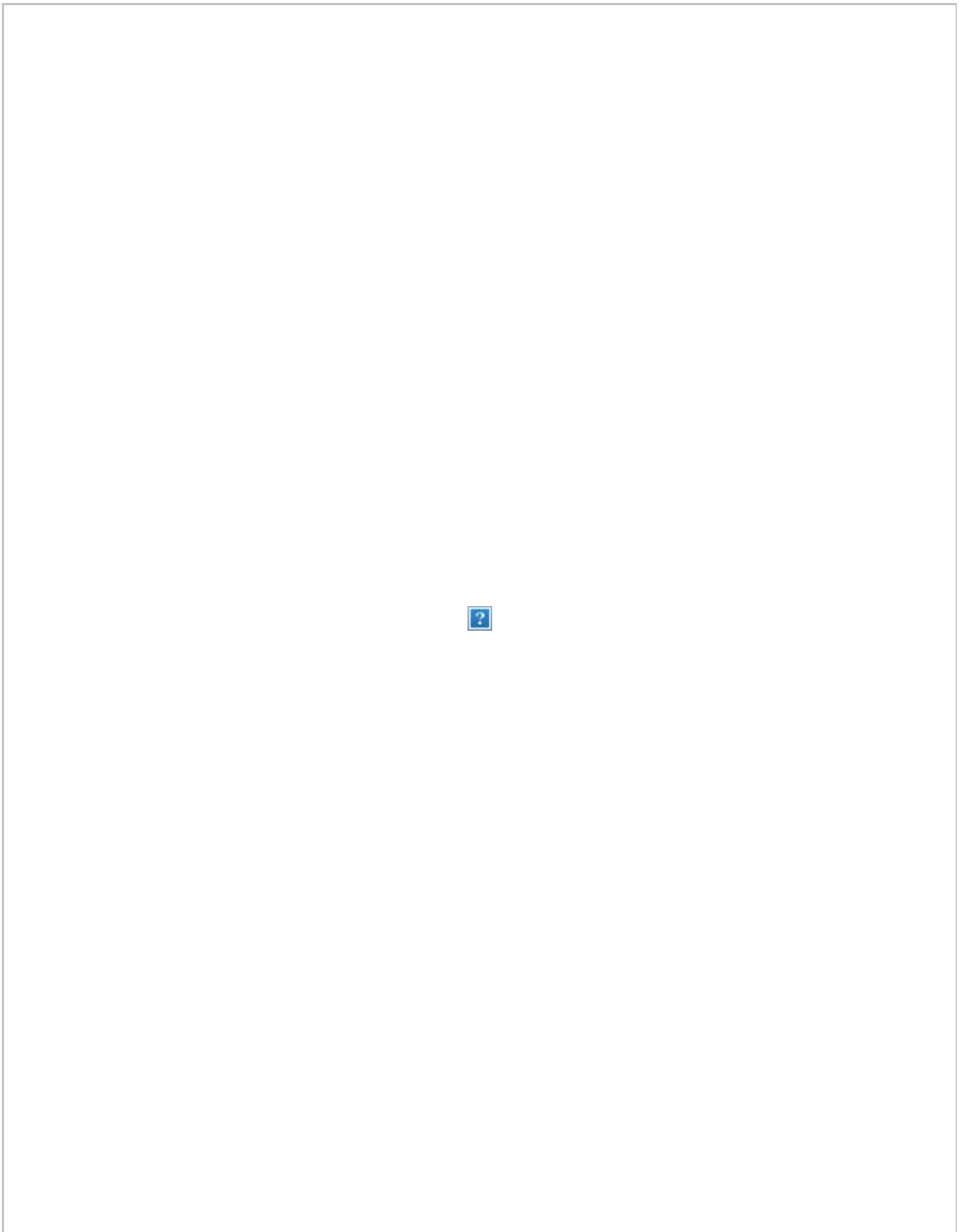
Will issue their first Situation Report on 9/7.

Drinking Water / Wastewater Assessments:

As of 8 AM approximately 228,000 people from Puerto Rico Aqueduct and Sewer Authority (PRASA) systems are without water. PRASA serves about 96% of PR. PRDOH is working to verify the information reported by PRASA.

This map shows the maximum possible storm surge in South Florida for a Category 3 Hurricane.

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This map shows the maximum possible storm surge in the Miami area from a Category 3 hurricane



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